

Appl. No. 10/813,010
Amendment

Claim 8. (Previously Presented) A process as claimed in claim 1, comprising
subjecting product gas mixture A and/or product gas mixture A', as a constituent of a gas
mixture B, to at least one heterogeneously catalyzed partial ammoxidation of the at least one
partially dehydrogenated hydrocarbon H present in the product gas mixture A and/or product
gas mixture A'.

Claim 9. (Previously Presented) A process as claimed in claim 1, comprising
subjecting product gas mixture A and/or product gas mixture A', as a constituent of a gas
mixture B, to at least one heterogeneously catalyzed partial oxidation and ammoxidation of
the at least one partially dehydrogenated hydrocarbon H present in the product gas mixture A
and/or product gas mixture A'.

Claim 10. (Currently Amended) A process as claimed in claim 6, comprising
subjecting product gas mixture A and/or product gas mixture A', as a constituent of a gas
mixture B, to at least one heterogeneously catalyzed partial oxidation of the at least one
partially dehydrogenated hydrocarbon H present in the product gas mixture A and/or product
gas mixture A'.

Claim 11. (Currently Amended) A process as claimed in claim 6, comprising
subjecting product gas mixture A and/or product gas mixture A', as a constituent of a gas
mixture B, to at least one heterogeneously catalyzed partial ammoxidation of the at least one
partially dehydrogenated hydrocarbon H present in the product gas mixture A and/or product
gas mixture A'.

Claim 12. (Currently Amended) A process as claimed in claim 6, comprising
subjecting product gas mixture A and/or product gas mixture A', as a constituent of a gas